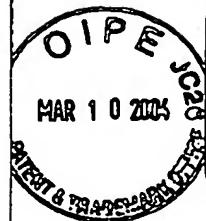


Please type a plus sign (+) inside this box → +

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number



Substitute for form 1449APTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 4 Express Mail No:

Complete If Known

Application Number	10/665,066
Filing Date	September 17, 2003
First Named Inventor	Pankaj Patel et al.
Group Art Unit	1731
Examiner Name	Unknown
Attorney Docket Number	00568-286923

EV 367 776 488 US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication Cited Document MM-DD-YYYY	Class Sub	
						Pages	Columns
	1	48,936		F.X. Hazman et al.	07-25-1865	—	—
	2	1,999,222		M.X.C. Weinberger	04-30-1935	—	—
	3	1,999,223		M.X.C. Weinberger	04-30-1935	—	—
	4	1,999,224		W.C. Miles	04-30-1935	—	—
	5	2,049,320		Hans Ruben et al.	07-28-1936	—	—
	6	2,149,896		Edward Hoxsie McArdle et al.	03-07-1939	—	—
	7	2,512,414		Richard Norman Booth	06-20-1950	—	—
	8	2,876,160		Thomas J. Schoch et al.	03-03-1959	—	—
	9	3,165,105		Robert A. Campbell	01-12-1965	—	—
	10	3,288,147		D. W. Molins et al.	11-29-1966	—	—
	11	3,422,819		David Aubrey Jones et al.	01-21-1969	—	—
	12	3,632,384		Joseph Saint-Pastou	01-04-1972	—	—
	13	3,693,313		John H. Sextone	09-26-1972	—	—
	14	3,773,055		George E. Stungis et al.	11-20-1973	—	—
	15	3,844,199		Hans-Jurgen Block et al.	10-29-1974	—	—
	16	3,890,980		Erwin Helmut Geldmacher	06-24-1975	—	—
	17	3,915,176		Bob Heitmann et al.	10-28-1975	—	—
	18	3,987,804		Desmond Walter Molins et al.	10-26-1976	—	—
	19	3,999,559		Clifford Russell Marritt et al.	12-28-1976	—	—
	20	4,169,278		Ferdinand Roehlich et al.	09-25-1979	—	—
	21	4,174,720		Floyd V. Hall	11-20-1979	—	—
	22	4,186,754		Francis A.M. Labbe	02-05-1980	—	—
	23	4,208,956		Floyd V. Hall	06-24-1980	—	—
	24	4,237,907		Karl-Heinz Pawelko et al.	12-09-1980	—	—
	25	4,251,824		T. Hara et al.	02-17-1981	—	—
	26	4,252,527		Floyd V. Hall	02-24-1981	—	—
	27	4,280,187		Joachim Reuland et al.	07-21-1981	—	—
	28	4,281,670		Uwe Heitmann et al.	08-04-1981	—	—
	29	4,291,713		Willi Frank	09-29-1981	—	—
	30	4,340,074		Thomas T. Tudor	07-20-1982	—	—
	31	4,361,156		Floyd V. Hall	11-30-1982	—	—
	32	4,409,995		Walter A. Nichols	10-18-1983	—	—
	33	4,410,899		M. Haruta et al.	10-18-1983	—	—
	34	4,412,224		H. Sugitani	10-25-1983	—	—
	35	4,412,829		Jean-Pierre Lebet	11-01-1983	—	—
	36	4,434,805		Floyd V. Hall	03-06-1984	—	—
	37	4,459,998		Francis A.M. Labbe et al.	07-17-1984	—	—
	38	4,463,359		N. Ayata et al.	07-31-1984	—	—
	39	4,474,190		Peter Brand	10-02-1984	—	—
	40	4,532,530		W. G. Hawkins	07-30-1985	—	—
	41	4,574,816		W. Rudzinat	03-11-1986	—	—
	42	4,582,507		Everett C. Grollimund	04-15-1986	—	—
	43	4,580,579		Gunter Wahle et al.	04-08-1986	—	—
	44	4,583,558		John A. Luke	04-22-1986	—	—
	45	4,590,954		Eldon D. Gooden	05-27-1986	—	—
	46	4,601,777		W. G. Hawkins	07-22-1986	—	—
	47	4,607,647		Frederick J. Dashley et al.	08-26-1986	—	—
	48	4,619,276		Douglas E. Albertson et al.	10-28-1986	—	—
	49	4,619,278		Clement G. Smeed et al.	10-28-1986	—	—
	50	4,643,203		Francis A.M. Labbe	02-17-1987	—	—
	51	4,727,888		John A. Luke	03-01-1988	—	—

Please type a plus sign (+) inside this box

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number



Substitute for form 1449APTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 4 Express Mail No:

Complete If Known

Application Number	10/665,066
Filing Date	September 17, 2003
First Named Inventor	Pankaj Patel et al.
Group Art Unit	1731
Examiner Name	Unknown
Attorney Docket Number	00568-286923

EV 367 776 488 US

JDM					Class	Sub
52	4,732,165		Gerhard Hakansson et al.	03-22-1988	—	—
53	4,736,754		Uwe Heitmann et al.	04-12-1988	—	—
54	4,781,203		Paul D. La Hue	11-01-1988	—	—
55	4,844,100		U. Holznagel	07-04-1989	—	—
56	4,845,374		K. W. White et al.	07-04-1989	—	—
57	4,878,506		P. Pinck et al.	11-07-1989	—	—
58	4,889,145		Brian Adams et al.	12-26-1989	—	—
59	4,899,765		J. W. Davis et al.	02-13-1990	—	—
60	4,944,316		Oskar Stuhl et al.	07-31-1990	—	—
61	4,945,932		E. Mentzel et al.	08-07-1990	—	—
62	4,962,773		Jackie L. White et al.	10-16-1990	—	—
63	4,979,521		James W. Davis et al.	12-25-1990	—	—
64	5,012,823		G. D. Keritsis et al.	05-07-1991	—	—
65	5,060,665		Uwe Heitmann	10-29-1991	—	—
66	5,085,228		Neil T. Mooney et al.	02-04-1992	—	—
67	5,105,838		Jackie L. White et al.	04-21-1992	—	—
68	5,156,169		G. A. Holmes et al.	10-20-1992	—	—
69	5,163,452		Clifford R. Marritt et al.	11-17-1992	—	—
70	5,170,128		Heinz Maserat et al.	12-08-1992	—	—
71	5,191,906		James L. Myracle, Jr.	03-09-1993	—	—
72	5,200,020		Alfred L. Collins et al.	04-06-1993	—	—
73	5,281,261		J. W. Lin	01-25-1994	—	—
74	5,314,559		Steven R. Rinehart et al.	05-24-1994	—	—
75	5,342,484		Edwin L. Cutright et al.	08-30-1994	—	—
76	5,387,285		Ernest E. Rivers	02-07-1995	—	—
77	5,450,863		Alfred L. Collins et al.	09-19-1995	—	—
78	H1517		J. R. Erickson et al.	02-06-1996	—	—
79	5,534,114		Edwin L. Cutright et al.	07-09-1996	—	—
80	5,563,644		L. V. Isganitis et al.	10-08-1996	—	—
81	5,623,001		M. Figov	04-22-1997	—	—
82	5,634,477		Shinji Ogura et al.	06-03-1997	—	—
83	5,666,976		John M. Adams et al.	09-16-1997	—	—
84	5,679,115		K. Fritzsche et al.	10-21-1997	—	—
85	5,692,526		John M. Adams et al.	12-02-1997	—	—
86	5,709,352		Jeffery Kane Rogers et al.	01-20-1998	—	—
87	5,735,292		Fiorenzo Draghetti	04-07-1998	—	—
88	5,764,257		H. Miyazawa et al.	06-09-1998	—	—
89	5,849,153		Y. Ishino et al.	12-15-1998	—	—
90	5,919,906		Anne G. Rowlands et al.	07-06-1999	—	—
91	5,958,275		W. T. Joines et al.	09-28-1999	—	—
92	5,966,218		G. H. Bokelman et al.	10-12-1999	—	—
93	5,979,461		A. Bensalem et al.	11-09-1999	—	—
94	5,997,691		Navin Gautam et al.	12-07-1999	—	—
95	5,998,774		W. T. Joines et al.	12-07-1999	—	—
96	6,020,969		A. D. Struckhoff et al.	02-01-2000	—	—
97	6,059,706		Firdausia Chehab et al.	05-09-2000	—	—
98	6,075,232		W. T. Joines et al.	06-13-2000	—	—
99	6,087,642		W. T. Joines et al.	07-11-2000	—	—
100	6,126,259		C. S. Tamarin	10-03-2000	—	—
101	6,181,439	B1	R. Bronstein et al.	01-30-2001	—	—
102	6,198,537	B1	G. H. Bokelman et al.	03-06-2001	—	—
103	6,202,648	B1	Peter Schumacher et al.	03-20-2001	—	—
104	6,202,649	B1	Jonnie R. Williams	03-20-2001	—	—
105	6,229,115	B1	Helmut Voss et al.	05-08-2001	—	—
106	6,232,361	B1	M. Laksin et al.	05-15-2001	—	—
107	6,246,037	B1	J. M. Drozd et al.	06-12-2001	—	—
108	6,259,077	B1	J. M. Drozd et al.	07-10-2001	—	—

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number



Substitute for form 1449APTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 3 of 4 Express Mail No:

Complete If Known

Application Number	10/665,066
Filing Date	September 17, 2003
First Named Inventor	Pankaj Patel et al.
Group Art Unit	1731
Examiner Name	Unknown
Attorney Docket Number	00568-286923

EV 367 776 488 US

↓	109	6,298,780	B1	N. Ben-Horin et al.	10-09-2001	—	—
	110	6,501,925	B2	M. Yamamoto et al.	12-31-2002	—	—
	111	6,519,421	B2	H. Inoue	02-11-2003	—	—
	112	6,596,125	B1	Rajesh Garg et al.	07-22-2003	—	—
	113	6,606,999	B2	Evon Llewellyn Crooks et al.	08-19-2003	—	—
	114	6,645,605	B2	James Rodney Hammersmith et al.	11-11-2003	—	—
↓	115	6,647,878	B2	Mathias Blau et al.	11-18-2003	—	—
	116	6,684,781	B1	Masayoshi Saitoh	02-03-2004	—	—
Applications	117	2001/0042456	A1	M. E. Kamen et al.	11-22-2001	—	—
	118	2002/0004132	A1	J. P. Banovetz	01-10-2002	—	—
	119	2002/0023655	A1	Stefan Fietkau	02-28-2002	—	—
	120	2002/0092621	A1	H. Suzuki	07-18-2002	—	—
	121	2002/0129823	A1	M. Dombek et al.	09-19-2002	—	—
	122	2002/0135290	A1	T. Avnery	09-26-2002	—	—
	123	2002/0139381	A1	Richard M. Peterson et al.	10-03-2002	—	—
	124	2002/0150829	A1	W. Zhao et al.	10-17-2002	—	—
	125	2002/0179105	A1	Michael A. Zawadzki et al.	12-05-2002	—	—
	126	2002/0179106	A1	Michael A. Zawadzki et al.	12-05-2002	—	—
	127	2003/0004223	A1	I. V. Khudyakov	01-02-2003	—	—
	128	2003/0031843	A1	D. Wu et al.	02-13-2003	—	—
	129	2003/0032692	A1	A. Mejiritski	02-13-2003	—	—
	130	2003/0035037	A1	S. J. Mills et al.	02-20-2003	—	—
	131	2003/0064201	A1	L. Xing et al.	04-03-2003	—	—
	132	2003/0067527	A1	S. Temple	04-10-2003	—	—
	133	2003/0069363	A1	G. D. Greenblatt et al.	04-10-2003	—	—
	134	2003/0073755	A1	J. L. Garnett et al.	04-17-2003	—	—
	135	2003/0131860	A1	Charles Ray Ashcraft et al.	07-17-2003	—	—
	136	2003/0136419	A1	Hans-Heinrich Muller	07-24-2003	—	—
	137	2003/0136420	A1	Thomas A. Kraker	07-24-2003	—	—
	138	2003/0145866	A1	Franz Hartmann	08-07-2003	—	—
	139	2003/0145869	A1	Satoshi Kitao et al.	08-07-2003	—	—
	140	2003/0150466	A1	Satoshi Kitao et al.	08-14-2003	—	—
	141	2003/0197126	A1	Kiyomori Sato et al.	10-23-2003	—	—
	142	2003/0211351	A1	Edmund W. Figel et al.	11-13-2003	—	—
	143	2004/0011369	A1	Takaaki Matsufuji et al.	01-22-2004	—	—
	144	2004/0020520	A1	Agustin Tosas Fuentes et al.	02-05-2004	—	—

Class Sub

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
↓	145	EP	0546576	B1	James L. Eden et al.	03-27-1996		
	146	WO	0056554		Scitex Corp. Ltd.	09-28-2000		
	147	EP	1092354	A1	Athanasiou Nikolaou	04-18-2001		
	148	WO	0208309		D. C. Neckers	01-31-2002		
	149	WO	02/17737	A1	Japan Tobacco Inc.	03-07-2002	English Translation Attached	✓
	150	WO	02/19848	A1	Japan Tobacco Inc.	03-14-2002	English Translation Attached	✓
	151	WO	02/37991	A1	Schweitzer-Mauduit International	05-16-2002		

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449APTO				Complete If Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/665,066		
				Filing Date	September 17, 2003		
				First Named Inventor	Pankaj Patel et al.		
				Group Art Unit	1731		
				Examiner Name	Unknown		
				Attorney Docket Number	00568-286923		
Sheet	4	of	4	Express Mail No:	EV 367 776 488 US		

152	WO	02/44700	A1	Philip Morris Products Inc.	06-06-2002	
153	WO	02/055294	A1	RFS Ecusta	07-18-2002	
154	EP	1 234 514	A2	Lorillard Licensing Company, Llc	08-28-2002	
155	WO	02/078471	A1	Lorillard Licensing Company LLC	10-10-2002	
156	WO	03/000497	A2	Hauni Maschinenbau AG	01-03-2003	English Abstract
157	EP	1 003 643	B1	Trident International, Inc.	03-05-2003	
158	EP	1329165	A1	Japan Tobacco Inc.	07-23-2003	
160	WO	03/064165	A1	Tricon Consulting GMBH & Co. KG	08-07-2003	
161	WO	03/077686	A1	Fumio Kubo et al.	09-25-2003	✓

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
SM	162	Hauni Protos/VE 80 Operating Manual, No. 385, B2282e, pages 3/10 – 3/11, in existence at least as of December 20, 2002.				
	163	Hauni Protos/SE 80 Operating Manual, No. B585e, pages 4/10 – 4/11, in existence at least as of December 20, 2002.				
	164	Hauni Operating Manual, MAX 2, No. 78, HME.0110.04.5.e, pages 13-49 – 13/81, June 1997.				
Examiner Signature	Si W. Mays			Date Considered	10-1-06	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

 Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

00568-278530
WINLIB01:1061767.1

Substitute for form 1449A/PTO

Complete If Known

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

1

Application Number	10/665,066
Filing Date	September 17, 2003
First Named Inventor	Pankaj Patel et al
Art Unit	1731
Examiner Name	Unknown
Attorney Docket Number	00568-286923

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	US- 2,718,889	09/27/1955	Claussen	Class Sub
	2.	US- 3,903,899	09/09/1975	Musillo	—
	3.	US- 4,077,414	03/07/1978	Baker et al.	—
	4.	US- 4,239,591	12/16/1980	Blake	—
	5.	US- 4,452,259	06/05/1984	Norman et al.	—
	6.	US- 4,480,650	11/08/1984	Weinert	—
	7.	US- 5,263,500	11/23/1993	Baldwin et al.	—
	8.	US- 5,263,999	11/23/1993	Baldwin et al.	—
	9.	US- 5,417,228	05/23/1995	Baldwin et al.	—
	10.	US- 5,878,753	03/09/1999	Peterson et al.	—
	11.	US- 5,878,754	03/09/1999	Peterson et al.	—
	12.	US- 6,543,457 B2	04/08/2003	Maiwald et al.	—
	13.	US- 6,837,248 B2	01/04/2005	Zawadzki et al.	—
	14.	US- 6,883,524 B2	04/26/2005	Ishikawa et al.	—
	15.	US- 6,904,917 B2	08/14/2005	Kitao et al.	—
	16.	US- 2002/0062834 A1	05/30/2002	Snaidr et al.	—
	17.	US- 2002/0129824 A1	09/19/2002	Hammersmith et al.	—
	18.	US- 2003/0037792 A1	02/27/2003	Snaidr et al.	—
	19.	US- 2004/0123874 A1	07/01/2004	Zawadzki et al.	—
	20.	US- 2004/0134631 A1	07/15/2004	Crooks et al.	—
	21.	US- 2004/0216862 A1	11/04/2004	Janz et al.	—
	22.	US- 2004/0261805 A1	12/30/2004	Wanna et al.	—

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	23.	GB 602 736	06/02/1948	Friedwald	—	
	24.	GB 1 378 169	12/27/1974	Hauni-Werke Korber & Co., K.G.	—	
	25.	WO 2004/089120 A1	10/21/2004	Japan Tobacco Inc.	English Abstract	
	26.	WO 2004/095957 A3	11/11/2004	British American Tobacco (Investments) Limited	—	

Examiner Signature

J. W. Myles

Date Considered

10-1-06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.